



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/567,807	02/08/2006	Yoon Kyu Hwang	WA463US64727	6293

  

27975	7590	09/28/2007
ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST P.A.		
1401 CITRUS CENTER 255 SOUTH ORANGE AVENUE		
P.O. BOX 3791		
ORLANDO, FL 32802-3791		

  

EXAMINER	
TRAN, CHUC	

  

ART UNIT	PAPER NUMBER
2821	

  

NOTIFICATION DATE	DELIVERY MODE
09/28/2007	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

creganoa@addmg.com

## Office Action Summary

Application No.

10/567,807

Applicant(s)

HWANG, YOON KYU

Examiner

Chuc D. Tran

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 01 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 3-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3,9-11 and 13 is/are rejected.
- 7) ☒ Claim(s) 4-8 and 12 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 3/17/06.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Priority*

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 20-2003-0026511, filed on 8/18/03. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 3 is rejected under 35 U.S.C. 102(e) as being anticipated by Chen (USP. 6,820,998).

Regarding claim 3, Chen disclose an energy saving lamp device in Fig. 3 and 4, comprising: a plurality of lamps (2) and a socket body (4) having the lamps fixed to one side of the body and having a screw (5) formed to the other side of the body (Fig. 3), an illumination sensor (3) formed on the socket body for sensing a surrounding illumination (Col. 3, line 8); a timer (11) for controlling a lighting time of the lamps (Col. 3, Line 15); an infrared sensor (1) mounted to one side of the lamps for sensing movement of a human (Col. 3, line 35); and a lighting control circuit (8) formed in the socket body (4) (Col. 3, line 30), and controlling the

Art Unit: 2821

lamps to be turned on/off according to output signals of the illumination sensor, the timer and the infrared sensor (Col. 3, line 12).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chen.

Regarding claims 9-10, Chen disclose an energy saving lamp device as set forth in the claims except illumination sensor is buried in the socket body as much as a predetermined depth is 5mm in order not to receive a direct ray of light from the lamps. Thus, it would have been obvious to one of ordinary skill in the art of energy saving lamp device know how to bury or place the illumination sensor in the socket body in an attempt to provide an improved illumination sensor in order to detect the strength of illuminance of the light See (Col. 3, Line 7).

Regarding claim 11, Chen disclose the plurality of the lamps in Fig. 3 except the lamps is two to four. Thus, it would have been obvious to one of ordinary skill in the art to recognize the Chen's lamps device by limiting lamps from two to four. It would have been obvious to make lamps from two to four.

7. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Chen in view of Hutzler et al (USP. 6,580,221).

Regarding claim 13, Chen disclose an energy saving lamp device as set forth in the claims except the lamps are I-shaped lamps. Hutzler disclose an energy saving lamp in Fig. 1

Art Unit: 2821

with the lamp (1) is I-shape lamp. Thus, it would have been obvious to one of ordinary skill in the art to substitute the I-shape lamp for the other to achieve the saving lamp energy.

***Allowable Subject Matter***

8. Claims 4-8 and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuc D. Tran whose telephone number is (571) 272-1829. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/567,807

Page 5

Art Unit: 2821

TC

September 17, 2007

*Douglas W. Owens 9/24/07*

**DOUGLAS W. OWENS  
SUPERVISORY PATENT EXAMINER**